

DEPARTMENT OF THE ARMY
Omaha District, Corps of Engineers
106 South 15th Street
Omaha, Nebraska 68102-1618

:NOTICE: Failure to acknowledge : Solicitation No. DACW45 02 B 0007
:all amendments may cause rejec- :
:tion of the bid. See FAR : Date of Issue: 01 Mar 2002
:52.214-3 of Section 00100 : New Date of Opening: 17 Apr 2002

Amendment No. 0002
27 March 2002

SUBJECT: Amendment No. 0002 to Specifications and Drawings for Construction of
Wood River Flood Protection, Grand Island, NE
Solicitation No. DACW45 02 B 0007.

TO: Prospective Bidders and Others Concerned

1. The specifications and drawings for subject project are hereby modified as follows (revise all specification indices, attachment lists, and drawing indices accordingly).

Note: A digital file of cross sections have been provided with this CD. File name is Xsections.dgn. The file can be used with Micro Station software and is provided to aid the contractor with rough earthwork calculations. The Corps is only responsible for the original file and is not responsible for any conversions or modifications to the original file. The file is located in a folder called "Xsections" and is accessible by going into the actual CD files on your CD drive through a program such as "Explorer" or "My Computer".

a. Specifications. (Descriptive Changes.)

(1) Page 00010-1, delete date and time of bid opening shown and substitute "17 Apr 2002" at "2:00 p.m.".

(2) Section 01355 Page 10,
a) Paragraph 3.1, change Specification Section "01565" to Specification Section "01562".

b) Paragraph 3.2.3, 6th Sentence, delete "as specified in Section 01356 STORM WATER POLLUTION PREVENTION MEASURES."

(3) Section 01451 Page 8, delete paragraph 3.7.2.1. and substitute the following:

"3.7.2.1 Validation Check

The Contractor's laboratory shall have the ability to meet ASTM D 3740 and ASTM E 329, and specific tests required in the contract specifications. The Corps of Engineers (COE) will perform a validation check to assure compliance with the standards. If the contractor's selected laboratory does not have a current COE validation, the validation check will occur after contract Notice to Proceed (NTP) and will take approximately 6 weeks to schedule and complete. Provisional acceptance of the laboratory will be given prior to the validation check if the contractor provides information

concerning laboratory qualifications and the ability to meet the required standards listed above and in the contract.

(4) Section 01451 Page 9, paragraph 3.7.2.2, delete title and substitute the following: "Validation Check".

(5) Section 02212 Page 2, add the following new paragraphs:

" 3.6 Materials Testing

The contractor shall perform sufficient testing to insure that the compacted embankment fill is being constructed as specified. The testing program specified below shall be the minimum acceptable frequency of testing. This does not relieve the Contractor from the responsibility of performing additional testing if required to ensure compliance with these specifications.

3.6.1 Soil Classification Tests

Soil classification tests shall be performed in accordance with ASTM D 2487. As prescribed in ASTM D 2487, grain size analysis, in accordance with ASTM D 422 and Atterburg limits in accordance with ASTM D 4318 shall be performed. One initial classification test shall be performed for impervious material for each new excavated area. A new excavated area shall be defined as an area where excavated area is non-continuous and the contractor has to pick up and moves to a new area of excavation. The contractor shall submit additional tests for every 5,000 cubic yards of impervious material placed.

3.6.2. Grain Size Analysis

Grain Size Analysis shall be performed in accordance with ASTM D 422. One initial grain size analysis test shall performed on embankment drain material and underwater fill material prior to delivery to the site. The contractor shall submit additional tests for every 7,000 tons of embankment drain material and underwater fill placed."

(6) Section 02715 Page 5, delete paragraph 2.1 and substitute the following:

"2.1 General

Underwater fill material shall consist of clean, sound, hard durable particles of crushed stone, crushed gravel or natural stone which meet the specification requirements. The material shall be free of objectionable materials or coatings. "

b. Specifications (New and/or Revised and Reissued). Delete and substitute or add specification pages as noted below. The substituted pages are revised and reissued with this amendment.

Pages Deleted

00010-3

Pages Substituted or Added

00010-3

Section 01562: (NEBRASKA) NPDES PERMIT
REQUIREMENTS FOR STORM WATER DISCHARGES
FROM CONSTRUCTION SITES

c. Drawings (Not Reissued). The following drawings are revised as indicated below with latest revision date of 25 March 2002. These drawings are not reissued with this amendment.

(1) Sheet D2.01, Sheets E-1 & E-2 are listed under the "For Information Only" drawings on sheet D2.01. These drawings are not "For Information Only" drawings, but are construction contract drawings.

(2) Sheets G-17, G-18, G-19, G-20, G-21, G-28 and G-29: Remove the requirement for the embankment drain to extend through the North Road Raise, Quarry Access Road Raise, Blaine Street, South Locust Street, Stuhr Road, Shady and Bend Road as shown on the referenced drawings.

d. Drawings (Reissued). The following drawings are revised with latest revision date of 25 March 2002, and reissued with this amendment.

(1) Sheets R-5a, C-7, C-12, C-13, C-14, C-15, C-16, C-17, C-18, C-19, C-20, C-21, C-22, C-23, G-2, G-35, G-37E, G-37F, G-37G, G-37H, R-2, R-3, R-4, R-5, R-6, R-7, R-8, R-11, R-12, R-13, R-14, S-1, S-2, S-4.

e. Drawings (New). The following new drawings dated 25 March 2002 are hereby added to the contract drawings and are issued with this amendment.

(1) Sheets C-14A, C-14B, C-14C and C-12A .

2. This amendment is a part of the bidding papers and its receipt shall be acknowledged on the Standard Form 1442. All other conditions and requirements of the specifications remain unchanged. If the bids have been mailed prior to receiving this amendment, you will notify the office where bids are opened, in the specified manner, immediately of its receipt and of any changes in your bid occasioned thereby.

a. Hand-Carried Bids shall be delivered to the U.S. Army Corps of Engineers, Omaha District, Contracting Division (Room 301), 106 South 15th Street, Omaha, Nebraska 68102-1618.

b. Mailed Bids shall be addressed as noted in Item 8 on Page 00010-1 of Standard Form 1442.

3. Bids will be received until 2:00 p.m., local time at place of bid opening, 17 Apr 2002.

Attachment: Bidding Schedule page 00010-3
Section 01562, with attachments
Drawings listed in 1.d and 1.e above

U.S. Army Engineer District, Omaha
Corps of Engineers
106 South 15th Street
Omaha, Nebraska 68102-1618

27 March 2002
MFS/4411

BIDDING SCHEDULE

<u>Bid</u> <u>Item</u> <u>No.</u>	<u>Description</u>	<u>Estimated</u> <u>Quantity</u>	<u>Unit</u>	<u>Unit</u> <u>Price</u>	<u>Amount</u>
1.	Clearing and Grubbing	Job	L.S.		\$ _____
2.	Compacted Embankment	591,057	C.Y.	\$ _____	\$ _____
3.	Excavation	784,344	C.Y.	\$ _____	\$ _____
4.	Non-Compacted Embankment	193,287	C.Y.	\$ _____	\$ _____
5.	Embankment Drain	68,500	Tons	\$ _____	\$ _____
6.	Levee Surfacing	16,363	Tons	\$ _____	\$ _____
7.	Topsoil	310,845	C.Y.	\$ _____	\$ _____
8.	Riprap				
	a) Type A	1,962	Tons	\$ _____	\$ _____
	b) Type B	840	Tons	\$ _____	\$ _____
9.	Bedding				
	a) Type A Riprap	1,390	Tons	\$ _____	\$ _____
	b) Type B Riprap	330	Tons	\$ _____	\$ _____
10.	Granular Blanket Material	290	Tons	\$ _____	\$ _____
11.	Underwater Fill	14,000	Tons	\$ _____	\$ _____
12.	Subdrain Filter Material	25	Tons	\$ _____	\$ _____
13.	Seeding and Mulching	385	Acres	\$ _____	\$ _____
14.	Wetland Construction	Job	L.S.		\$ _____
15.	Diversion Structure	Job	L.S.		\$ _____
16.	Quarry Access Road Box Culvert	Job	L.S.		\$ _____
17.	Sheet Pile Cut-off	2,475	SF	\$ _____	\$ _____
18.	Culvert Structure				
	a) No. 1	Job	L.S.		\$ _____
	b) No. 2	Job	L.S.		\$ _____
	c) No. 3	Job	L.S.		\$ _____
	d) No. 3A	Job	L.S.		\$ _____
	e) No. 4	Job	L.S.		\$ _____
	f) No. 5	Job	L.S.		\$ _____
	g) No. 6	Job	L.S.		\$ _____
	h) No. 7	Job	L.S.		\$ _____
	i) No. 8	Job	L.S.		\$ _____
	j) No. 9	Job	L.S.		\$ _____

19. All Remaining Work Complete Job L.S. \$_____

Excluding Bid Item

Nos. 1 thru 18 above.

TOTAL AMOUNT (BASIC) \$_____

(in figures)

Notes:

1. Quantities for unit priced items are estimated only and the respective unit price will prevail in the event of an overrun or underrun subject to Contract Clauses (Section 00800) Clause "Variation in Estimated Quantities."
2. Bid prices must be entered for all items of the schedule. Total amount bids submitted without bid prices being entered on individual items will be rejected. Extensions will be subject to verification by the Government. In case of variation between the unit price and the extension, the unit price will be considered the bid. In case of variation between the individual bid item prices and the total amount, the individual bid prices will be considered the bid.
3. A modification to a bid which provides for a single adjustment to the total amount bid, should state the application of the adjustment to each respective lump sum price and unit price affected.

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SECTION 01562

(NEBRASKA) NPDES PERMIT REQUIREMENTS FOR STORM WATER DISCHARGES FROM
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08/99

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SECTION 01562

(NEBRASKA) NPDES PERMIT REQUIREMENTS
FOR STORM WATER DISCHARGES
FROM CONSTRUCTION SITES
08/99

PART 1 GENERAL

Attachments: Copy of the "Authorization To Discharge Under The State Of
Nebraska
National Pollutant Discharge Elimination System (NPDES)
NPDES Permit Number NER100000

1.1 REFERENCES (NOT APPLICABLE)

1.2 SUBMITTALS

Government approval is required for submittals with a "GA" designation;
submittals having an "FIO" designation are for information only. The
following shall be submitted in accordance with Section 01330 SUBMITTAL
PROCEDURES:

SD-05 Design Data

Notice of Intent; FIO.

Notice of Start-up of Construction Activity; FIO.

Storm Water Pollution Prevention Plan; FIO.

Notice of Completion of Construction Activity; FIO\.

SD-06 Test Reports

Records; FIO.

PART 2 PRODUCTS (NOT APPLICABLE)

PART 3 EXECUTION

3.1 GENERAL

The Contractor shall be responsible for implementing the terms and
requirements of the attached "Authorization To Discharge Under The State Of
Nebraska National Pollutant Discharge Elimination System (NPDES)", Permit
No. NER100000, for storm water discharges from construction sites. The
Contractor shall be considered the "permittee". All submissions to the
state shall be by certified mail. Copies of the return receipt for each
submission shall be included with the submittal to the Contracting
Officer's Representative (COR). Designated critical habitat and/or listed
species are located in the project area. However, storm water discharges
and storm water discharge-related activities are not likely to adversely

affect the listed species and/or critical habitat.

3.2 IMPLEMENTATION

3.2.1 Notice of Intent

The Contractor shall complete and submit a Notice of Intent (NOI) in accordance with NPDES Permit No. NER100000. A copy of the submitted NOI shall be furnished to the COR at least 10 calendar days prior to the commencement of construction activities.

3.2.2 Notice of Start-up of Construction Activity

The Contractor shall complete and submit a Notice of Start-up of Construction Activity in accordance with NPDES Permit No. NER100000. A copy of the submitted Notice of Start-up of Construction Activity shall be furnished to the COR not more than 10 calendar days after commencement of construction activities.

3.2.3 Storm Water Pollution Prevention Plan

The Contractor shall prepare and implement a Storm Water Pollution Prevention Plan (SWPPP) in accordance with NPDES Permit No. NER100000. Any temporary or permanent erosion and sedimentation control measures shown on the drawings shall be incorporated into the Contractor's SWPPP. A copy of the SWPPP shall be submitted to the COR at least 10 calendar days prior to the commencement of construction activities. Copies of all revisions to the SWPPP shall also be submitted.

3.2.4 Inspections and Record Keeping

The Contractor shall be responsible for all inspections, maintenance, and record keeping required under the NPDES Permit No. NER100000. Copies of all inspection and maintenance records shall be furnished to the COR.

3.2.5 Notice of Completion of Construction Activity

The Contractor shall complete and submit a Notice of Completion of Construction Activity in accordance with NPDES Permit No. NER100000. A copy of the submitted Notice of Start-up of Construction Activity shall be furnished to the COR not more than 10 calendar days after submission to the State.

3.2.6 Renotification

The current permit expires at midnight July 31, 2002. If the current permit expires prior to completion of construction, the Contractor shall apply for a reissuance of NPDES Permit No. NER100000. A copy of all submissions to the State shall be furnished to the COR.

-- End of Section --

STATE OF NEBRASKA



E. Benjamin Nelson
Governor

DEPARTMENT OF ENVIRONMENTAL QUALITY

Randolph Wood
Director
Suite 400, The Atrium
1200 'N' Street
P.O. Box 98922
Lincoln, Nebraska 68509-8922
Phone (402) 471-2186

AUTHORIZATION TO DISCHARGE UNDER THE STATE OF NEBRASKA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

NPDES Permit Number NER100000

A general NPDES permit for
storm water discharges from construction sites
to waters of the State of Nebraska

In compliance with the provisions of the Federal Water Pollution Control Act (33 U.S.C. Secs. 1251 et. seq. as amended to date), the Nebraska Environmental Protection Act (Neb. Rev. Stat. Secs. 81-1501 et. seq. as amended to date), and the Rules and Regulations promulgated pursuant to these Acts, the Nebraska Department of Environmental Quality is hereby issuing this general permit authorizing the discharge of pollutants to waters of the State. This general permit establishes prohibitions, limitations and other conditions pertaining to these discharges. This general permit does not relieve permittees of other duties and responsibilities under the Nebraska Environmental Protection Act, as amended, or established by regulations promulgated pursuant thereto.

This permit shall become effective on August 1, 1997.

This permit and the authorization to discharge shall expire at midnight, July 31, 2002.

Pursuant to the Delegation Memorandum dated January 30, 1995 and signed by the Director, the undersigned hereby executes this document on behalf of the Director.

Signed this 9th day of July, 1997


Patrick W. Rice, Assistant Director

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B. APPLICABILITY

1. Discharges Authorized by this Permit

- a. Contingent upon the "Notification and Discharge Authorization Procedures" set forth in Section C, this permit authorizes the discharge of storm water from construction or development sites where clearing, grading or excavation is conducted on an area of 5 acres or more as part of a common plan of development or sale (i.e., industrial facilities identified in subparagraph "x" of the definition of "storm water discharges associated with industrial activity" as defined in NDEQ Title 119 - Rules and Regulations Pertaining to the Issuance of Permits Under the National Pollutant Discharge Elimination System).
- b. This permit may also be used to authorize the discharge of storm water from other construction or development sites subject to clearing, grading or excavation that the Director feels require a permit pursuant to Chapter 2 001.06D of NDEQ Title 119. In these instances, written discharge authorization is required (See Sections C.4.a and C.4.h).

2. Area of Application

This permit has application throughout the State of Nebraska.

Special authorization procedures apply to sites where discharges to certain State Resource Waters and public drinking water supplies are proposed. These waters are identified in Appendix B and the discharge authorization procedures are described in Section C.4.e.

3. Limitations on Coverage

This permit does not authorize the following types of storm water discharges:

- a. those regulated by an existing NPDES permit,
- b. those for which storm water effluent guideline limitations apply,
- c. those the Director has determined to have reasonable potential to violate a surface or ground water quality standard,
- d. those adversely affecting a listed endangered or threatened species or its critical habitat,
- e. those from an operating landfill, or
- f. those which the Director determines would be more effectively regulated with a site specific, area specific or a basin specific permit.

4. Period of Coverage

- a. Coverage shall commence at the time discharge authorization is granted (See Section C.4) and shall continue for a period lasting at least 180 days after the site has been stabilized with perennial seeding, paving, rock or other permanent protective cover on 95% or more of the site.
- b. The Department can extend coverage under the permit beyond the time period specified in Section B.4.a above if excessive erosion problems remain at the site.

5. Sites Authorized Under the Previous General Permit

Sites authorized to discharge under the previously issued NPDES General Permit (i.e., NPDES Permit Number NER100000; Effective Date July 1, 1994; Expiration Date May 26, 1997) shall have authorization to discharge under this permit subject to the terms and conditions set forth below (i.e., Sections B.5.a through B.5.c).

- a. Sites authorized to discharge under the previous permit shall be considered in compliance with this permit for a period of up to 180 days after the effective date of this permit, provided the permittee complies with all of the terms and conditions of the previous general permit. If a project site can not be completed and stabilized within this 180 day time period, the permittee shall file a Notice of intent as required in Sections C.1 and C.2 of this permit, and ensure their Storm Water Pollution Prevention Plan is in compliance with Section D of this permit.
- b. The provisions of Section B.5.a are site specific and do not necessarily extend to permittees that may have been authorized to discharge from more than one site under the previous permit (i.e., the permittee must obtain site specific written approval for coverage of a site under the previously issued permit for Section B.5.a.).
- c. Section B.4.b applies to sites previously authorized to discharge under the previous permit (i.e., the Department can extend coverage under this permit if excessive erosion problems remain at the site). If the period of coverage is extended, the permittee may be required to submit a Notice of Intent as set forth in Section B.5.a.

C. NOTIFICATION AND DISCHARGE AUTHORIZATION PROCEDURES

1. Submission of Initial Notification.

Authorization to discharge under this general may be applied for by submitting a Notice of Intent (NOI) using NPDES form CSW-NOI, or an equivalent format approved by the Department. NPDES form CSW-NOI can be obtained by contacting the Nebraska Department of Environmental Quality. The address and telephone number current at the time of permit issuance are provided below.

Permits and Compliance Section
Nebraska Department of Environmental Quality
P.O. Box 98922
1200 N Street, The Atrium, Suite 400
Lincoln, Nebraska 68509-8922
Telephone (402) 471-4239

2. Contents of the Notice of Intent.

Appendix C contains the description of the information required to be submitted in the NOI.

3. Additional Notification Requirements that Apply to Some Sites

a. The Department may request additional information from the source:

- i. to facilitate the review of the NOI;
- ii. to finalize a determination related to the granting of a discharge authorization; or
- iii. to determine whether a site specific, area specific or a basin specific permit application may be required.

b. When storm water is discharged through a large or medium municipal separate storm sewer system, applicants shall concurrently submit a copy of NPDES form CSW-NOI (or other appropriate notification form) to the operator of the municipal separate storm sewer system through which they discharge. (A large or medium municipal separate storm sewer system is defined as a system located in an incorporated city with a population of 100,000 or more. This includes the cities of Lincoln and Omaha.)

c. Other government agencies (e.g., the US Army Corps of Engineers, Local City/County Government, or the local Natural Resource District) may have additional notification requirements. Submittal of the NPDES form CSW-NOI does not relieve the applicant of responsibility to comply with the requirements of other government agencies.

4. Authorization to Discharge

- a. Except as provided in Sections C.4.b through C.4.i, C.5 or C.6, discharge authorization is granted 7 days after the Department receives the complete NOI. Discharge authorizations are limited to the location(s) identified in the NOI.
- b. The Department may act to grant an applicant authorization to discharge at any time following the receipt of a completed NOI by providing a written notification to the permittee (e.g., prior to end of the 7 day review period specified in Section C.4.a).
- c. If the Department requires additional information to be submitted as part of the NOI process, authorization to discharge can not be granted until after the additional information is received, or until the issue prompting the request is resolved. The 7 day period specified in Section C.4.a, restarts each time additional information is received by the Department.
- d. The Department may extend the 7 day authorization period set forth in Section C.4.a and C.4.c. The applicant shall be notified of the extension within 7 days after the application is received by the Department. The initial notification may be made verbally.
- e. Written discharge authorization from the Department is required for discharges to the State Resource Waters and Public Drinking Water Supplies identified in Appendix B.
- f. The Department may deny authorization to discharge under the terms and conditions of this permit by providing the applicant with a written notice of the denial and an explanation of the basis for the determination.
- g. The Department may require the submittal of an application for a site specific or an NOI for an alternative general permit. The Department shall provide an explanation of the basis for any such request.
- h. If authorization to discharge under the conditions of this permit is sought pursuant to the Director's decision to require NPDES discharge authorization pursuant to Chapter 2 001.06D of NDEQ Title 119, written discharge authorization is required (See Applicability, Section B.1.b).
- i. All permittees must meet the requirements set forth in Section B of this permit. Failure to do so shall negate any authorization to discharge granted pursuant to this subsection (i.e., Section C.4).

5. Revocation of Discharge Authorization

The Director may revoke a permittee's authorization to discharge under the terms and conditions of this permit for any of the following:

- a. the discharge has a reasonable potential to violate a surface or ground water quality standard;
- b. the discharge is adversely affecting a listed endangered or threatened species or its critical habitat; and

- c. a permittee fails to submit an alternative permit application requested pursuant to Section C.6.

6. Requiring an Alternative Permit and Application

- a. The Director may require any person authorized to discharge under the terms and conditions of this permit to apply for and obtain either a site specific NPDES permit or an alternative NPDES general permit. A written notice that an alternative permit application is required shall be provided by the Department. This notice shall include:
 - i. a brief explanation of the basis for the determination;
 - ii. an application or NOI form for the alternative permit; and
 - iii. a deadline for submitting the application for the alternative permit.

The Director may grant additional time for the submittal of the alternative application following the initial notice described above.

- b. Conditions that may constitute a basis for requesting an alternative application include, but are not limited to:
 - i. the discharge is a significant contributor of pollution;
 - ii. the discharger is not in compliance with the terms and conditions of the permit;
 - iii. additional pollution control or prevention technology have become available;
 - iv. the promulgation of new effluent limitations that apply to the source;
 - v. the approval of a water quality management plan containing requirements applicable to the source;
 - vi. the identification of conditions or pollutant sources not previously recognized; and
 - vii. the issuance of an alternative general permit that applies to the discharge.
- c. Authorization to discharge under the terms and conditions of this permit shall be terminated upon the issuance of the alternative permit or the granting of discharge authorization under another alternative general permit.

7. Notification of Project Start-up and Completion

The permittee shall notify the Department in writing of project start-up and completion as set forth below. Notification forms are included as an attachment to this permit.

- a. The permittee shall provide the Department with written notification of the start of construction activities not later than 7 days after construction begins. If activities commence within 30 days of the date submitted on or with the NOI, further start-up notification is not required.
- b. The permittee shall notify the Department in writing within 30 days after the site is 95% stabilized, and provide a proposed date for termination of coverage under the permit (See Section B.4: coverage under the permit continues at least 6 months after the site has been stabilized.).
- c. Public road maintenance and construction activities are exempt from these start-up and completion reporting requirements provided a planned schedule of activities is submitted at least annually as an attachment to the CSW-NOI form. Other permittees that carrying out routine maintenance and construction activities on utility and transportation right-of-ways may be granted a similar exemption on a case-by-case basis.

D. STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

1. General

- a. The permittee shall develop and implement a SWPPP to:
 - i. minimize erosion on disturbed areas;
 - ii. minimize the discharge of sediment and other pollutants in storm water runoff; and
 - iii. maintain compliance with the requirements of this permit.
- b. The SWPPP shall be implemented either prior to or concurrent with the initiation of construction activity. SWPPP activities shall be maintained throughout the period of coverage under this permit as set forth in Section B.4.
- c. An updated copy of the SWPPP shall be available on-site at all times that work is being performed. The persons and/or subcontractors responsible for carrying out duties pursuant to the SWPPP shall be properly trained and kept informed of their responsibilities.
- d. The permittee shall make the SWPPP available for review by the Director or an authorized representative during any on-site inspection. The permittee shall provide copies of the SWPPP document to the Department within seven days after receiving a written request.

- e. The SWPPP shall be dynamic. If deficiencies arise during the course of the project, the permittee shall implement effective corrective actions that may require modification of the SWPPP. This requirement does not circumvent the permittee's responsibility to obtain approval for modifications that may concurrently fall under the jurisdiction of other governmental authorities (e.g., local construction or grading requirements). This requirement is also not an affirmative defense for implementing ineffective or less effective control measures.
 - f. The Department may require revisions to be made to the SWPPP :
 - i. if it is not effective in minimizing erosion or the release storm water pollutants from the site;
 - ii. if more effective procedures are available and practical;
 - iii. if previous experience has shown the control methods specified have proven to be inadequate in similar circumstances; or
 - iv. to meet basin specific water quality goals.
2. Content of the Storm Water Pollution Prevention Plan
- The following items shall be incorporated into the SWPPP.
- a. One or more site maps of the construction site showing the location of disturbed areas, existing and post-construction contours, storm water outfalls and pollution control structures. The map or maps submitted with the NOI may be used for this purpose provided copies are available at the construction site.
 - b. A proposed schedule for the construction project identifying the construction phases and the implementation of pollution prevention activities (e.g., installation of erosion control structures and sedimentation basins, initial grading, temporary seeding, utility installation, final grading, paving, and permanent seeding).
 - c. An Erosion and Sediment Control Plan that provides sufficient detail so that the implementing personnel will be able to properly implement the pollution control and prevention practices to be used at the site. See Section D.3 for detailed requirements for an Erosion and Sediment Control Plan.
 - d. A Spill Prevention and Response Plan that addresses fueling, maintenance or storage areas on-site. The plan shall comply with the requirements of Chapter 18 of NDEQ Title 126 - Rules and Regulations Pertaining to the Management of Wastes (Contact the Department at the address or telephone number in Section C.1 for a current copy of this regulation.).

- e. Any wastes present or generated at the site shall be disposed of in compliance with Department regulations. Regulations that may have application in this respect include, but are not necessarily limited to:

NDEQ Title 119 - Rules and Regulations Pertaining to the Issuance of Permits under the National Pollutant Discharge Elimination System (Disposal of sewage sludge);

NDEQ Title 128 - Rules and Regulations Governing Hazardous Waste Management in Nebraska;

NDEQ Title 129 - Nebraska Air Quality Regulations (Prohibits open burning in most instances);

NDEQ Title 130 - Rules and Regulations Pertaining to Livestock Waste Control; and

NDEQ Title 132 - Integrated Solid Waste Management Regulations.

- f. Entrances and exits shall be adequately stabilized so as to prevent excessive tracking of sediment onto paved or public roadways. This shall include, where necessary, graveling access entryways, exits, and unpaved roads on the site.

3. Erosion and Sediment Control Plan Requirements

The permittee shall incorporate erosion control and sediment retention practices into the SWPPP and implement said practices at sites authorized to discharge storm water under the provisions of this permit. The erosion control practices utilized shall consider site specific variables including slope, soil types, the size of the project, the duration of construction activities, the proximity of perennial and seasonal streams, and the existence of impounded waters downstream of the project. The controls utilized may vary from site-to-site, but the controls used shall be effective in minimizing erosion and sediment release from the site, and in protecting the water quality in the receiving stream or water body.

The existence of downstream lakes or other impounded waters increase water quality concerns relative to sediment release. In these instances, more stringent erosion and sediment controls may need to be implemented.

The permittee shall upgrade the Erosion and Sediment Control Plan and implement additional controls, if existing controls prove inadequate in minimizing erosion and sediment releases, or in protecting the water quality of the receiving stream or water body. The permittee shall comply with Department requests to implement additional controls to minimize erosion and sediment releases, and to protect receiving water bodies.

All of the following practices shall be considered for inclusion in Erosion and Sediment Control Plans and for implementation at construction sites covered under this permit. Note: the Department may require modification of the SWPPP pursuant to Section D.1.f of this permit.

- a. Construction practices and structural controls to slow storm water run off and minimize erosion from the site.

Practices and controls that should be considered for implementation include, but are not limited to, the following:

- i. horizontal slope grading;

- ii. temporary or permanent terraces, berms, cuts or other physical structures placed horizontal to sloped surfaces;
 - iii. silt fence, bale barriers, check dams or other physical barriers placed at intervals in drainage ways, on sloped surfaces and at property boundaries;
 - iv. geotextile mats, rip rock or other methods to prevent erosion in drainage ways and below conduit outlets; and
 - v. storm drain inlet protection (i.e., gravel filter or silt fence).
- b. The scheduling of construction activities so as to minimize the extent and time that soils are left unstabilized.

This shall include, when possible, phased construction planning so as to minimize the area of the site that is not stabilized by vegetative cover, or other temporary or permanent soil covers (e.g., pavement, mulch, or geotextile mats).

The construction schedule shall take into account areas within the construction site that may be available for reseeding prior to the completion of the overall project (See Section D.3.c.).

Construction activity scheduling shall specify an appropriate time table for initiating sediment retention and erosion controls. When possible, sediment retention controls shall be installed prior to the initiation of clearing and grading activities, and erosion controls shall be implemented concurrent with the initiation of construction activity.

- c. The use of existing vegetation and revegetation.

When possible, existing vegetative covers should be left undisturbed. When possible, vegetative strips shall be maintained on the down gradient perimeter of sites, and adjacent to waterways and drainage ways that are within the site.

Temporary or permanent seeding shall be established as soon as possible after grading and clearing activities are completed, and during interim periods on areas that are not being actively worked. Whenever exposed soils are not to be graded for 30 days or more, temporary or permanent seeding needs to be initiated, unless other stabilization methods are used or such need can be justified as unnecessary due to mitigating conditions present at the site. In this latter regard, the need for such temporary seeding may be contingent on such factors as the slope of exposed and adjacent areas, the size of the exposed area, the existence of vegetative buffer zones, the potential to impact streams or impounded waters, seasonal considerations, and/or the use of alternative erosion or sediment control methods. If temporary seeding is not used to stabilize exposed soils that are not to be graded for 30 days or more, the Erosion and Sediment Control Plan shall specify the alternative methods used to control erosion and sediment release, or contain an explanation of why such controls are not necessary.

d. Contingencies for planned and unplanned work stoppages.

The Erosion and Sediment Control Plan needs to address requirements for stabilizing exposed slopes and stock piles (e.g., the installation of terraces or berms, temporary seeding, etc.) if work on the site is stopped. In instances, where the original project schedule is disrupted, the Erosion and Sediment Control Plan may need to be modified to prevent erosion on exposed soils where grading has been temporarily or permanently discontinued. See Section D.3.c above concerning the use of temporary seeding when exposed soils are not to be graded for 30 days or more.

e. Storm detention basins.

The need for storm water detention basins is contingent upon the area disturbed and the slope of the site. In general, storm water detention basins need to be used in disturbed drainage areas of 5 acres or more in size. Where slopes are equal to or steeper than 3:1, storm basins may be required for smaller drainage areas. The use of storm water detention basins does not circumvent the need to implement the erosion and sediment control practices previously cited. Many areas of Nebraska have clay soils and when erosion occurs suspended clay particles are not efficiently captured in storm water detention basins.

4. Erosion and Sediment Control Design Specifications

Physical erosion and sediment control structures used at construction sites covered under this permit shall comply with the design standards specified in one of the manuals listed below, unless alternative designs are approved or required by the Department.

a. City of Omaha Soil Erosion and Sediment Control

b. The Lower Platte South Natural Resource District; A Manual of: Erosion and Sediment Control and Stormwater Management Standards

The City of Omaha manual can be obtained from the Omaha Public Works Department. The Lower Platte South NRD manual is available from the NRD office for projects within their district. Others interested in the manual should contact the Department (See Section C.1).

5. Site Inspection and SWPPP Maintenance Activities

Sites shall be inspected to identify maintenance needs and/or SWPPP deficiencies at least once each month and within 24 hours after each precipitation event of 0.5 inch or more, except when winter freeze-up conditions preclude run-off. This minimum inspection frequency does not relieve the permittee of the maintenance responsibilities during interim periods.

The permittee shall initiate and complete corrective actions to address any maintenance needs or deficiencies as soon as possible. Maintenance and repair of silt fences and bale barriers shall be completed within 24 hours after any deficiencies are discovered.

6. Reporting and Record Keeping Requirements

The permittee shall maintain records of site inspection and maintenance activity until coverage under the permit has been terminated (See Section B.4). The permittee shall provide the Department with access and copies of these records upon request. At a minimum, the following information shall be included in these records:

- a. who conducted the inspections,
- b. when inspections are conducted,
- c. the findings of the inspections,
- d. any corrective actions taken, and
- e. when the corrective actions were implemented.

E. MONITORING REQUIREMENTS AND PROCEDURES

1. Effluent Monitoring Requirements

Routine periodic monitoring of storm water discharges is not required unless requested by the Department. Monitoring may be required by the Department for any of the following reasons:

- a. the identification of potential ground and surface water quality impacts to which the permittee may be contributing,
- b. the failure by the permittee to implement pollution prevention or pollution control procedures set forth in the Storm Water Pollution Prevention Plan,
- c. the recognition of potential pollutant sources during site inspections or investigations, and/or
- d. to obtain information for watershed basin or industry group studies.

2. Sampling and Analytical Protocols

The sampling procedures set forth below shall be used for any storm water monitoring required pursuant to Section E.1, unless the Department specifies or approves alternative procedures.

- a. Samples shall be collected from discharges resulting from a rainfall event that is greater than 0.1 inch in magnitude and occurs at least 72 hours after any previous storm events of 0.1 inch or greater.
- b. Grab samples shall be used for monitoring: pH, temperature, cyanide, total phenols, residual chlorine, petroleum oil, oil and grease, bacterial counts, xylene and compounds in the volatile fraction of the total toxic organic parameter. Grab samples shall be collected in the first 30 minutes of a storm event discharge.

- c. For discharges from holding ponds or other impoundments with a retention period greater than 24 hours (estimated by dividing the volume of the detention pond by the estimated volume of water discharged during the 24 hours previous to the time the sample is collected), a minimum of one grab sample may be taken.
- d. Flow proportional composite samples shall be used to monitor discharges in all other circumstances (i.e., except as specified in Sections E.2.b and E.2.c). Either continuous or discrete composite sampling may be utilized. If discrete composite sampling is used, at least 3 aliquots shall be obtained and the maximum interval between sampling events shall not exceed 15 minutes. Sampling shall begin within the first 15 minutes of discharge and shall not extend beyond 1 hour, unless there is reason to believe that pollutant discharge rates increase after that time.
- e. Sample analysis procedures shall conform to the procedures specified in Appendix A, Section C.3. Physical observations for such things as odor, turbidity, color, or visible sheens may also be required.

3. Storm Event Monitoring

The permittee shall collect the following information for each storm event monitored pursuant to Section E.1 of this permit, unless the Department specifies otherwise.

- a. The date, duration (in hours), start and ending times, and magnitude (in inches) of the storm event sampled.
- b. The total volume of storm water discharged. The permittee may calculate runoff volume from the magnitude of the storm, the area drained and the runoff coefficient. The calculation method used must be approved by the Department.
- c. The duration between the storm event samples and the end of the previous measurable (greater than 0.1 inch rainfall) storm event.

4. Reporting Requirements

The permittee shall submit all storm water monitoring results within 30 days of the event monitored, unless otherwise specified by the Department. All storm water monitoring results shall be submitted using DMR form SW-SEMR (See permit "Attachments"), or equivalent form approved by the Department.

F. OTHER CONDITIONS AND REQUIREMENTS

- 1 Discharges shall be free from toxic substances, which alone or in combination with other substances, create conditions unsuitable for aquatic life.
- 2. Discharges shall not contain pollutants at concentrations or levels that produce objectionable films, colors, turbidity or deposits, or noxious odors in the receiving stream or waterway.

3. The attachments to this permit (i.e., NPDES forms CSW-NOI, SW-SEMR, CSW-START, and CSW-END) may be modified by the Department provided the notification and reporting requirements set forth in this permit are met. If information is submitted on an outdated form, opportunity to resubmit the information shall be provided the permittee or, at the discretion of the Department, submittals on outdated forms may be accepted.

G. PERIODIC REPORTING AND RECORD KEEPING REQUIREMENTS

This section summarizes reporting and record keeping requirements set forth in other sections of this permit. This section is intended as an aid to the permittee in identifying and complying with these requirements, and contains references to the Sections of the permit where the requirements are set forth.

This summary list does not contain all the reporting and record keeping requirements that may be required by various Department regulations, nor does it relieve the permittee of the responsibility to comply with reporting requirements not listed below.

1. The initial Notification of Intent (Sections B.5 and C.1 thru C.4).
2. Notification of project start-up and completion (Sections C.7).
3. Copies of the SWPPP shall be submitted within 7 days of receiving a written request from the Department (Section D.1.d).
4. Chapter 18 of NDEQ Title 126 - Rules and Regulations Pertaining to the Management of Wastes contains spill reporting requirements. Section D.2.d of this permit requires the Spill Prevention and Response Practices of the SWPPP to comply with this regulation. Appendix A, Section A.6 also contains information on spill reporting.
5. Copies of facility inspection and maintenance activities must be kept until coverage under the permit has expired. Copies of said records shall be furnished to the Department if requested (Section D.5).
6. Monitoring reports on the results of any storm event monitoring activities (Section E.4).
7. In addition to the reporting and record keeping requirements referenced above, Appendix A also contains reporting and record keeping requirements that may apply to some storm water dischargers. References to these requirements are listed below:
 - a. Appendix A, Section B.1. - Duty to Provide Information,
 - b. Appendix A, Sections C.5 & C.6 - Retention of Records and Record Contents,
 - c. Appendix A, Section D.1 - Immediate Notification,
 - d. Appendix A, Section D.2 - 24-Hour Reporting,
 - e. Appendix A, Section D.3 - Written Non-Compliance Notification
 - f. Appendix A, Section D.4 - Quarterly Discharge Monitoring Reports
 - g. Appendix A, Section D.5 - Changes in Discharge
 - h. Appendix A, Section D.6 - Toxic Discharge Reporting Requirements,
 - i. Appendix A, Section D.7 - Changes in Sludge Quality,
 - j. Appendix A, Section D.9. - Transfers
 - k. Appendix A, Section E.2 - Upset Reporting, and
 - l. Appendix A, Section E.3 - Bypass Reporting

APPENDIX A - Standard Conditions for NPDES and NPP Permits.

These general conditions are applicable to all NPDES and NPP permits. These conditions shall not preempt any more stringent requirements found elsewhere in this permit.

A. General Conditions

1. Information Available

All permit applications, fact sheets, permits, discharge data, monitoring reports, and any public comments concerning such shall be available to the public for inspection and copying, unless such information about methods or processes is entitled to protection as trade secrets of the owner or operator under Neb. Rev. Stat. §81-1527, (Cum. Supp. 1992) and Title 115 Chapter 9.

2. Duty to Comply

All authorized discharges shall be consistent with the terms and conditions of this permit. The discharge of any pollutant identified in this permit more frequently than or at a level in excess of that authorized shall constitute a violation of the permit.

The permittee shall comply with all conditions of this permit. Failure to comply with these conditions may be grounds for administrative action or enforcement proceedings including injunctive relief and civil or criminal penalties.

The filing of a request by the permittee for a permit modification, revocation and reissuance, termination or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

3. Duty to Mitigate

The permittee shall take all reasonable steps to minimize, prevent or correct any adverse impact to the environment resulting from noncompliance with this permit, including such accelerated or additional monitoring as required by the NDEQ to determine the nature and impact of the noncompliant discharge.

4. Permit Actions

This permit may be modified, suspended, revoked or reissued, in part or in whole, in accordance with the regulations set forth in NDEQ Titles 119 and/or 127. In addition, this permit may be modified, revoked and reissued to incorporate standards or limitations issued pursuant to Sections 301(b)(2)(c), 301(b)(2)(d), 304(b)(2), 307(a)(2), or 405(d) of the Clean Water Act, Public Law 100-4 (i.e., industrial categorical standards and municipal sludge regulations) and Title 121.

5. Toxic Pollutants

The permittee shall not discharge pollutants to waters of the State that cause a violation of the standards established in NDEQ Titles 117, 118 or 121. All discharges to surface waters of the State shall be free of toxic (acute or chronic) substances which alone or in combination with other substances, create conditions unsuitable for aquatic life outside the appropriate mixing zone.

Appendix A (continued)

6. Oil and Hazardous Substances/Spill Notification

Nothing in this permit shall preclude the initiation of any legal action or relieve the permittee from any responsibilities, liabilities or penalties under Section 311 of the Clean Water Act. The permittee shall conform to the provisions set forth in NDEQ Title 126 in the event of a release of a reportable quantity of oil or hazardous substances. If the permittee knows, or has reason to believe, that oil or hazardous substances were released at the facility and could enter waters of the State or any of the outfall discharges authorized in this permit, the permittee shall immediately notify the Department of a release of oil or hazardous substances. During Department office hours (i.e., 8:00 a.m. to 5:00 p.m., Monday through Friday, except holidays), notification shall be made to the LUST/ER Section (telephone number 402/471-4230). When the LUST/ER Section cannot be contacted, the permittee shall report to the Nebraska State Patrol for referral to the NDEQ Emergency Response Team (telephone number 402/471-4545). It shall be the permittee's responsibility to maintain current telephone numbers necessary to carry out the notification requirements set forth above.

7. Property Rights

The issuance of this permit does not convey any property rights of any sort or any exclusive privileges nor does it authorize any damage to private property or any invasion of personal rights nor any infringement of federal, state or local laws or regulations.

8. Severability

If any provision of this permit is held invalid, the remainder of this permit shall not be affected.

9. Other Rules and Regulations Liability

The issuance of this permit in no way relieves the obligation of the permittee to comply with other rules and regulations of the Department.

10. Inspection and Entry

The permittee shall allow the Director or his authorized representative, upon the presentation of his identification and at a reasonable time:

- a. to enter upon the permittee's premises where a regulated facility or activity is located or conducted, or records are required to be kept under the terms and conditions of the permit,
- b. to have access to and copy any records required to be kept under the terms and conditions of the permit,
- c. to inspect any facilities, equipment (including monitoring and control), practices or operations regulated or required in the permit, and
- d. to sample or monitor any substances or parameters at any location.

11. Penalties

Violations of the terms and conditions of this permit may result in the initiation of criminal and/or civil actions. Civil penalties can result in fines of up to \$10,000.00 per day [Neb. Rev. Stat. §81-1508, as amended to date. Criminal penalties for willful or negligent violations of this permit may result in penalties of \$10,000.00 per day or by imprisonment. Violations may also result in federal prosecution.

Appendix A (continued)

B. Management Requirements

1. Duty to Provide Information

The permittee shall furnish to the Department within a reasonable time, any information which the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit; or to determine compliance with this permit. The permittee shall also furnish to the Department upon request, copies of records retained as a requirement of this permit.

2. Duty to Reapply

The permittee shall apply for a reissuance of this permit, if an activity regulated by this permit is to be continued after the expiration date of this permit. The application shall be submitted at least 180 days before the expiration of this permit on an application form supplied by the Department, as set forth in NDEQ Titles 119 and/or 127.

3. Signatory Requirements

All reports and applications required by this permit or submitted to maintain compliance with this permit, shall be signed and certified as set forth in this section.

- a. Permit applications shall be signed by a cognizant official who meets the following criteria:
 - (1) for a corporation: by a principal executive officer of at least the level of vice-president,
 - (2) for a partnership or sole proprietorship: by a general partner or the proprietor, respectively, or
 - (3) for a municipality, state, federal or other public facility: by either a principal executive officer or highest ranking elected official.
- b. Discharge monitoring reports and other information shall be signed by the cognizant official or by an authorized representative.
- c. An authorized representative is designated by the cognizant official. The authorized representative is responsible for the overall operation of the facility (i.e., a plant manager, a well field operator or a wastewater treatment plant superintendent).
- d. Any change in the signatories shall be submitted to the Department, in writing, within 30 days after the change.
- e. Certification. All applications, reports and information submitted as a requirement of this permit, shall contain the following certification statement:

"I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations."

Appendix A (continued)

C. Monitoring and Records

1. Representative Sampling

Samples and measurements taken as required within this permit shall be representative of the discharge. All samples shall be taken at the monitoring points specified in this permit and, unless otherwise specified, before the effluent joins or is diluted by any other waste stream, body of water or substance. Monitoring points shall not be changed without notification to the Department and with the written approval of the Director.

a. Composite sampling shall be conducted in one of the following manners:

- (1) continuous discharge - a minimum of one discrete aliquot collected every three hours,
- (2) less than 24 hours - a minimum of hourly discrete aliquots or a continuously drawn sample shall be collected during the discharge, or
- (3) batch discharge - a minimum of three discrete aliquots shall be collected during each discharge.

b. Composite samples shall be collected in one of the following manners:

- (1) the volume of each aliquot must be proportional to either the waste stream flow at the time of sampling or the total waste stream flow since collection of the previous aliquot,
- (2) a number of equal volume aliquots taken at varying time intervals in proportion to flow,
- (3) a sample continuously collected in proportion to flow, and
- (4) where flow proportional sampling is infeasible or nonrepresentative of the pollutant loadings the Department may approve the use of time composite samples.

c. Grab samples shall consist of a single aliquot collected over a time period not exceeding 15 minutes.

d. All sample preservation techniques shall conform to the methods adopted in NDEQ Title 121, Chapter 8, unless:

- (1) in the case of sludge samples, alternative techniques are specified in the 40 CFR, Part 503, or
- (2) other procedures are specified in this permit.

2. Flow Measurements

Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be used to insure the accuracy and reliability of measurements. The devices shall be installed, calibrated and maintained to insure that the accuracy of the measurements are consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of +/- 10% from the true discharge rates throughout the range of expected discharge volumes. Guidance in selection, installation, calibration and operation of acceptable flow measurement devices can be obtained from the following references:

- a. "Water Management Manual," U. S. Department of Interior, Bureau of Reclamation, Second Edition, Revised Reprint, 1974, 327 pp. Available from the U. S. Government Printing Office, Washington, DC 20402. Order by Catalog Number 127.19/2:W29/2, Stock Number S/N 24003-0027.

Appendix A (continued)

- b. "Flow Measurement in Open Channels and Closed Conduits," U. S. Department of Commerce, National Bureau of Standards, NBS Special Publication 484, October, 1977, 982 pp. Available in paper copy or microfiche from National Technical Information Service (NTIS), Springfield, VA 22151. Order by NTIS Number PB-273 535/5ST.
- c. "NPDES Compliance Sampling Manual," U. S. Environmental Protection Agency, Office of Water Enforcement, Publication MCD-51, May, 1988, 140 pp. Available from the General Services Administration (8FFS), Centralized Mailing Lists Services, Building 41, Denver Federal Center, Denver, CO 80225.

3. Test Procedures

Test procedures used for monitoring required by this permit, shall conform to the methods adopted in NDEQ Title 121, Chapter 8 unless:

- a. in the case of sludge samples, alternative techniques are specified in the 40 CFR, Part 503, or
- b. other procedures are specified in this permit.

4. Averaging of Measurements

Averages shall be calculated as an arithmetic mean except:

- a. bacterial counts which shall be calculated as a geometric mean, or
- b. where otherwise specified by the Department.

5. Retention of Records

The permittee shall retain records of all monitoring activities for a period of at least three years (five years for sludge; see below) as set forth in NDEQ Titles 119 and/or 127. The types of records that must be retained include, but are not limited to:

- a. calibration and maintenance records,
- b. original strip chart recordings,
- c. copies of all reports required by this permit,
- d. monitoring records and information, and
- e. electronically readable data.

The permittee shall retain records of monitoring required by this permit that are related to sludge use and disposal for a period of five years or longer, as required in 40 CFR, Part 503.

6. Record Contents

Records of sampling or monitoring information shall include:

- a. the date(s), exact place, time and methods of sampling or measurements,
- b. the name(s) of the individual(s) who performed the sampling or measurements,

Appendix A (continued)

- c. the date(s) the analyses were performed,
- d. the individual(s) who performed the analyses,
- e. the analytical techniques or methods used,
- f. the results of such analyses, and
- g. laboratory data, bench sheets and other required information.

D. Reporting Requirements

1. Immediate Notification

- a. NPP permittees shall report immediately to the publicly owned treatment works (POTW), any discharge to the POTW that may result in a violation of NDEQ Title 127, Chapter 3.
- b. All permittees shall report immediately to the NDEQ:
 - (1) discharges of oil or hazardous substances which threaten waters of the State or public health and welfare, and
 - (2) discharges causing in-stream toxicity (i.e., a fish kill) or an immediate threat to human health.

Initial notification may be verbal. A written noncompliance notification shall be submitted as set forth in Section D. 3. of this Appendix.

2. 24-Hour Reporting

The permittee shall report to the NDEQ, within 24 hours of becoming aware of:

- a. any noncompliance which may endanger the environment or human health or welfare,
- b. any unanticipated bypass as set forth in NDEQ Titles 119 and/or 127,
- c. all upsets as set forth in NDEQ Titles 119 and/or 127,
- d. any discharge to a POTW that causes a violation of the prohibited discharge standards set forth in NDEQ Title 127, Chapter 3, or
- e. any noncompliance of an effluent limitation in this permit.

Initial notification may be verbal. A written noncompliance notification shall be submitted as set forth in Section D. 3. of this permit.

If sampling performed by an industrial user (NPP permittee) indicates a permit effluent violation, the permittee shall notify the Department and the city within 24 hours of becoming aware of the violation. The permittee shall resample and have it analyzed. The results of the resampling analysis shall be submitted to the Department and the city within 30 days after becoming aware of the violation.

Appendix A (continued)

3. Written Noncompliance Notification

- a. The permittee shall submit a written noncompliance report to the NDEQ:
 - (1) within five days of becoming aware of any noncompliance with the:
 - (a) NPP effluent limitations or requirements set forth in this permit, or
 - (b) NPDES toxic pollutant effluent limitations or requirements set forth in this permit.
 - (2) within seven days of becoming aware of any other noncompliance with the NPDES requirements and/or effluent limitations set forth in this permit.
- b. the written notification shall be submitted on a noncompliance form supplied by the Department and shall include:
 - (1) a description of the discharge and cause of noncompliance,
 - (2) the period of noncompliance, including exact dates and times, or if not corrected, the anticipated time the noncompliance is expected to continue, and
 - (3) the steps taken to reduce, eliminate and prevent the reoccurrence of the noncompliance.

The submittal of a written noncompliance report does not relieve the permittee of any liability from enforcement proceedings that may result from the violation of permit or regulatory requirements.

4. Quarterly Discharge Monitoring Reports (DMRs)

The permittee shall report the monitoring results required by this permit on a DMR form supplied or approved by the Department. Monitoring results shall be submitted on a quarterly basis using the reporting schedule set forth below, unless otherwise specified in this permit or by the Department.

<u>Monitoring Quarters</u>	<u>DMR Reporting Deadlines</u>
January - March	April 28
April - June	July 28
July - September	October 28
October - December	January 28

If the permittee monitors any pollutant more frequently than required by this permit, using procedures specified in this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted on the DMR. The frequency of the analysis shall also be reported on the DMR.

5. Changes in Discharge

Any facility expansion, production increases or process modifications which will result in new or substantially increased discharges of pollutants or a change in the nature of the discharge of pollutants must be reported by the permittee 180 days prior to the expansion, increases or modifications, either by amending his original application or by submitting a new application. This permit may be modified or revoked and reissued as a result of this notification to maintain compliance with applicable state or federal regulations.

Appendix A (continued)

6. Changes in Toxic Discharges from Manufacturing, Commercial, Mining and Silvicultural Facilities

Permittees discharging from manufacturing, commercial, mining and silvicultural facilities shall report to the Department:

- a. if any toxic pollutant not limited in this permit is discharged from any NPDES outfall as a result of any activity that will or has occurred and results in its routine or frequent discharge. The Department shall be informed if that discharge exceeds the following notification levels:

- (1) 100 micrograms per liter (0.1 mg/l) for any toxic pollutant,
- (2) 200 micrograms per liter for acrolein and acrylonitrile (0.2 mg/l),
- (3) 500 micrograms per liter for 2,4-dinitrophenol and for 2-methyl-4, 6-dinitrophenol (0.5 mg/l),
- (4) 1000 micrograms per liter for antimony (1 mg/l).

- (5) five times the maximum concentration value reported for that pollutant in the permit application or

- (6) an alternative level established by the Director, and

- b. if any toxic pollutant not limited in this permit is discharged from an NPDES outfall as a result of any activity that will or has occurred and results in its nonroutine discharge. The Department shall be informed if that discharge exceeds the following notification levels:

- (1) 500 micrograms per liter (0.5 mg/l) for any toxic pollutant,

- (2) 1000 micrograms for antimony (1 mg/l),

- (3) ten times the maximum concentration value reported for that pollutant in the permit application, or

- (4) an alternative level established by the Director.

7. Changes in Sludge Quality

The permittee shall provide written notice to the Department of any alteration or addition that results in a significant change in the permittee's sludge use or disposal practices. This permit may be modified or revoked and reissued as a result of this notification to maintain compliance with applicable state or federal regulations.

8. Changes of Loadings to Publicly Owned Treatment Work (POTW)

POTW's shall notify the Department of the following:

- a. any new introduction of pollutants from dischargers subject to the categorical pretreatment discharge limitations set forth in NDEQ Title 121, Chapter 2, and

- b. any substantial change in the volume or character of pollutants being introduced into the POTW.

Notification shall be made 180 days in advance whenever possible. Information on the quantity and quality of new discharges and their anticipated impact on the POTW shall be included.

Appendix A (continued)

9. Transfers

The permittee shall notify the Department at least 30 days prior to the proposed transfer of ownership of this permit or the permitted facility to another party as set forth in NDEQ Title 119, Chapter 12 and/or NDEQ Title 127, Chapter 14. The Department may modify or revoke and reissue this permit according to the regulations set forth in NDEQ Titles 119 and/or 127.

10. Compliance Schedules

The permittee shall submit a written report of compliance or noncompliance with any compliance schedule established in this permit. The written report shall be submitted within 14 days following all deadlines established in the compliance schedule. If compliance has not been achieved, the report shall include an alternative completion date, an explanation of the cause of the noncompliance and an explanation of the steps being taken to ensure future compliance. The submission of this report does not ensure the Department's acceptance of alternative compliance dates nor does it preclude the Department from initiating enforcement proceedings based upon the reported noncompliances.

E. Operation and Maintenance

1. Proper Operation and Maintenance

The permittee shall, at all times, maintain in good working order and operate as efficiently as possible, any facilities or systems of control installed by the permittee in order to achieve compliance with the terms and conditions of this permit. This would include, but not be limited to, effective performance based on designed facility removals, effective management, adequate operator staffing and training, adequate laboratory and process controls, and adequate funding which reflects proper user fee schedules.

2. Treatment System Failure and Upset

An upset is an affirmative defense to an enforcement action brought for noncompliance with technology-based permit effluent limitations if the permittee can demonstrate, through properly signed, operating logs or other relevant evidence, that:

- a. an upset occurred and the specific cause was identified,
- b. that the facility was properly operated and maintained at such time,
- c. the Department was notified within 24 hours of the permittee becoming aware of the upset, and
- d. the permittee took action to reduce, eliminate and prevent a reoccurrence of upset, including minimizing adverse impact to waters of the State.

3. Bypassing

Any diversion from or bypass of the treatment facilities is prohibited, unless:

- a. it is unavoidable to prevent loss of life, personal injury or severe property damage,
- b. no feasible alternative exists, i.e., auxiliary treatment facilities, retention of untreated wastes or maintenance during normal periods of equipment downtime,

Appendix A (continued)

- c. the permittee submits notice to the Department within 24 hours of becoming aware of the bypass or if the bypass is anticipated or should have been anticipated, the Department is notified at least ten days prior to the bypass, and
- d. the bypass is conducted under conditions determined to be necessary by the Director to minimize any adverse effects.

If the bypass is needed for regular preventative maintenance for which back-up equipment should be provided, the bypass will not be allowed. When a bypass occurs, the burden is on the permittee to demonstrate compliance with items "a" through "d" above.

Additionally, NPP permittees shall report any bypasses to the POTW. Unanticipated bypasses shall be reported immediately and anticipated bypasses shall be reported at least ten days in advance.

All NPDES permittees shall notify the general public that a bypass of the treatment system is occurring. The public notification shall include:

- a. location of the bypass,
- b. the date the bypass started,
- c. anticipated length of time the bypass will occur, and
- d. an estimate of the total volume of wastewater bypassed.

4. Removed Substances

Solids, sludge, filter backwash or other pollutants removed in the course of treatment or control of wastewater shall be disposed of at a site and in a manner approved by the Nebraska Department of Environmental Quality. The disposal of nonhazardous industrial sludges shall conform to the standards established in or to the regulations established pursuant to 40 CFR, Part 257. The disposal of sludge shall conform to the standards established in or to the regulations established pursuant to 40 CFR, Part 503. If solids are disposed of in a licensed sanitary landfill, the disposal of solids shall conform to the standards established in Title 132. Publicly owned treatment works shall dispose of sewage sludge in a manner that protects public health and the environment from any adverse effects which may occur from toxic pollutants as defined in Section 307 of the Clean Water Act. This permit may be modified or revoked and reissued to incorporate regulatory limitations established pursuant to 40 CFR, Part 503.

F. Definitions

Administrator: The Administrator of the USEPA.

Aliquot: An individual sample having a minimum volume of 100 milliliters that is collected either manually or in an automatic sampling device.

Biweekly: Once every other week.

Bimonthly: Once every other month.

Bypass: The intentional diversion of wastes from any portion of a treatment facility.

Daily Average: An effluent limitation that cannot be exceeded and is calculated by averaging the monitoring results for any given pollutant parameter obtained during a 24-hour day.

Appendix A (continued)

Department: Nebraska Department of Environmental Quality.

Director: The Director of the Nebraska Department of Environmental Quality.

Industrial User: A source of indirect discharge (a pretreatment facility).

Monthly Average: An effluent limitation that cannot be exceeded, calculated by averaging the monitoring results for any given pollutant parameter obtained during a calendar month.

Publicly Owned Treatment Works (POTW): A treatment works as defined by Section 212 of the Clean Water Act (Public Law 100-4) which is owned by the state or municipality, excluding any sewers or other conveyances not leading to a facility providing treatment.

30-Day Average: An effluent limitation that cannot be exceeded, calculated by averaging the monitoring results for any given pollutant parameter obtained during a calendar month.

Total Toxic Organics (TTO): The summation of all quantifiable values greater than 0.01 milligrams per liter (mg/l) for toxic organic compounds that may be identified elsewhere in this permit. (If this term has application in this permit, the list of toxic organic compounds will be identified; typically in the Limitations and Monitoring Section(s) or in an additional Appendix to this permit.)

Toxic Pollutant: Those pollutants or combination of pollutants, including disease causing agents, after discharge and upon exposure, ingestion, inhalation or assimilation into an organism, either directly from the environment or indirectly by ingestion through food chains will, on the basis of information available to the administrator, cause death, disease, behavioral abnormalities, cancer, genetic mutations, physiological malfunction (including malfunctions in reproduction) or physical deformations, in such organisms or their offspring.

Upset: An exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee, excluding such factors as operational error, improperly designed or inadequate treatment facilities or improper operation and maintenance or lack thereof.

Volatile Organic Compounds (VOC): The summation of all quantifiable values greater than 0.01 milligrams per liter (mg/l) for volatile, toxic organic compounds that may be identified elsewhere in this permit. (See the definition for Total Toxic Organics above. In many instances, VOCs are defined as the volatile fraction of the TTO parameter. If the term "VOC" has application in this permit, the list of toxic organic compounds will be identified; typically in the Limitations and Monitoring Section(s) or in an additional Appendix to this permit.)

Weekly Average: An effluent limitation that cannot be exceeded, calculated by averaging the monitoring results for any given pollutant parameter obtained during a fixed calendar week. The permittee may start their week on any weekday but the weekday must remain fixed unless a change is approved by the Department.

"X" Day Average: An effluent limitation defined as the maximum allowable "X" day average of consecutive monitoring results during any monitoring period where "X" is a number in the range of one to seven days.

G. Abbreviations

CFR: Code of Federal Regulations

kg/Day: Kilograms per Day

Appendix A (continued)

MGD: Million Gallons per Day

mg/L: Milligrams per Liter

NDEQ: Nebraska Department of Environmental Quality

NDEQ Title 115: Rules of Practice and Procedure

NDEQ Title 117: Nebraska Surface Water Quality Standards

NDEQ Title 118: Ground Water Quality Standards and Use Classification

NDEQ Title 119: Rules and Regulations Pertaining to the Issuance of Permits Under the National Pollutant Discharge Elimination System

NDEQ Title 121: Effluent Guidelines and Standards

NDEQ Title 126: Rules and Regulations Pertaining to the Management of Wastes

NDEQ Title 127: Rules and Regulations Governing the Nebraska Pretreatment Program

NDEQ Title 132: Rules and Regulations Pertaining to Solid Waste Management

NPDES: National Pollutant Discharge Elimination System

NPP: Nebraska Pretreatment Program

POTW: Publicly Owned Treatment Works

ug/L: Micrograms per Liter

WWTF: Wastewater Treatment Facility

APPENDIX B - State Resource Waters and Public Drinking Water Supply Stream Segments

This appendix identifies stream segments and water bodies for which a written authorization is required to allow the discharge of storm water under the terms and conditions of NPDES General Permit NER10000 (See Section C.4 and C.7 of the permit). This appendix references these stream segments by County to facilitate the completion of the Notice of Intent and Relocation Notice forms. In filling out these forms, the applicant need only identify the stream segment or water body by name; the other information supplied is not needed on the forms.

Boyd County

Missouri River from the South Dakota border to the Knox County line; Class A State Resource Water; (Stream segment: NI1-10000)

Niobrara River from the Keya Paha County line to the Knox County line;
Class A State Resource Water; (Stream segments: NI2-10000 & NI3-10000)

Brown County

Calamus River from its headwaters to the Rock County line; Class B State Resource Water; (Stream segments: LO2-11300, LO2-11400, LO2-11500 & LO2-11600)

Niobrara River from the Cherry County line to the Rock County line;
Class A State Resource Water; (Stream segments: NI3-10000 & NI3-20000)

Long Pine Creek from its headwaters to the confluence of Bone Creek; Class B State Resource Water; (Stream segments: NI3-12300 and NI3-12400)

Cedar County

Missouri River from the Knox County line to the Dixon County line; Class A State Resource Water; Public Drinking Water; Threatened species: Lake & Pallid Sturgeon; (Stream segment: MT2-10000)

Cherry County

Niobrara River from the confluence of the Snake River to the Keya Paha/Brown County lines; Class A State Resource Water; (Stream segments: NI3-20000)

Dakota County

Missouri River from the Dixon County line to the confluence of the Big Sioux River; Class A State Resource Water; Public Drinking Water; Threatened species: Lake & Pallid Sturgeon; (Stream segment: MT2-10000)

Dawes County

Chadron Creek from its headwaters to its confluence with the White River; Public Drinking Water Standards; (Stream Segment: WH1-11300)

Cunningham Creek from its headwaters to its confluence with Indian Creek; Class A State Resource Water; (Stream segment: WH1-11710)

Dead Man's Creek from its headwaters to the Sioux County line; Public Drinking Water Standards; (Stream Segment: WH1-30100)

Soldier Creek from the Sioux County line to its confluence with the White River; Class A State Resource Water; (Stream segment: WH1-20300)

Appendix B (continued)

Dawes County (continued)

Squaw Creek from its headwaters to the National Forest Boundary; Class A State Resource Water; (Stream segment WH1-20120)

White River from the Sioux County line to its confluence with Soldier Creek; Class B State Resource Water; Public Drinking Water; (Stream segment: WH1-30000)

White River from Soldier Creek to the South Dakota border; Public Drinking Water standards; (Stream segments: WH1-10000 and WH1-20000)

Dixon County

Missouri River from the Cedar County line to the Dakota County line; Class A State Resource Water; Threatened species: Lake & Pallid Sturgeon; (Stream segment: MT2-10000)

Garfield County

Calamus River from the Loup County line to the confluence with North Loup River; Class B State Resource Water; (Stream segment: LO2-11300)

Holt County

Elkhorn River from the confluence of the North and South Forks to Holt Creek; Class B State Resource Water; (Stream segment: EL4-40000)

Niobrara River from the Rock County line to the Knox County line; Class A State Resource Water; (Stream segment: NI2-10000)

Keith County

North Platte River from Kingsley Dam to the confluence of Whitetail Creek; Class B State Resource Water; (Stream segment: NP1-40000)

Otter Creek from its headwaters to Lake C.W. McConaughy; Class B State Resource Water; (Stream segment: NP2-10300)

Keya Paha County

Niobrara River from the Cherry County line to the Boyd County line; Class A State Resource Water; (Stream segments: NI3-10000 & NI3-20000)

Knox County

Missouri River from the confluence of the Niobrara River to the Cedar County line; Class A State Resource Water; Public Drinking Water; Threatened species: Lake & Pallid Sturgeon; (Stream segment: MT2-10000)

Missouri River from the Boyd County line to the confluence of the Niobrara River; Class A State Resource Water; (Stream segment: NI1-10000)

Niobrara River from the Boyd/Holt County line to its confluence with the Missouri River; Class A State Resource Water; (Stream segment: NI2-10000)

Appendix B (continued)

Knox County (continued)

Verdigre Creek from the confluence of the North Branch Verdigre Creek to its confluence with the Niobrara River; Class A State Resource Water; (Stream segment: NI3-10100)

Loup County

Calamus River from the Rock County line to the Garfield County line; Class B State Resource Water; (Stream Segment: LO2-11300)

Richardson County

Unnamed creek which discharges to the Missouri River in Section 5, Range 3 North, Township 17 East and flows through Indian Cave State Park (Only the upper reaches of this creek extend beyond the boundaries of Indian Cave State Park.), Class A State Resource Water; (Stream segment: NE1-10700).

Rock County

Calamus River from the Brown County line to the Loup County line; Class B State Resource Water; (Stream Segment: LO2-11300)

Long Pine Creek; Class B State Resource Water; (Stream segments: NI3-12300 and NI3-12400 - These segments are in Brown County but their is drainage from Rock County into them.)

Niobrara River from the Brown County line to the Holt County line;
Class A State Resource Water; (Stream segments: NI3-10000)

Sioux County

Dead Man's Creek from the Dawes County line to its confluence with the White River; Public Drinking Water Standards; (Stream Segment: WH1-30100)

Middle Fork Soldier Creek from its headwaters to its confluence with Soldier Creek; Class A State Resource Water; (Stream segment: WH1-20310)

Soldier Creek from its headwaters to the Dawes County line; Class A State Resource Water; (Stream segments: WH1-20300 & WH1-20400)

White River from its headwaters to the Dawes County line; Class B State Resource Water; Public Drinking Water standard; (Stream segments: WH1-30000 & WH1-40000)

APPENDIX C - Information and Signatures Required in NOIs

As a minimum, Notices of Intent (NOIs) shall contain the following information to be considered complete. NPDES Form CSW-NOI, which is an attachment to this permit, meets these requirements.

- A. A descriptive name and the physical location of the construction site shall be provided. The physical location shall be expressed both in descriptive terms (i.e., street address, or if not available, in relationship to recognizable landmarks), and in a legal description designated in terms of section, township, range and county. The legal description shall be provided to the nearest 1/16th of a section, where possible (e.g., NW¼, SW¼, S10, T15N, R11E, Douglas County). For right-of-way projects that extend over several sections, a legal description is not required provided the site map (See Section F below) adequately identifies the location of the project.
- B. A declaration as to whether the site had been authorized to discharge under the previous construction storm water general permit (See Section B.5) or is presently covered by any other NPDES permit.
- C. The identity of the site owner, the developer and/or the contractor to which the discharge authorization will be issued. The party or parties specified should be those responsible for maintaining compliance with the terms and conditions of the permit.
- D. Identity of the Cognizant Official

The identity, mailing address and telephone number of the "cognizant official" the site owner, the developer, and/or the contractor shall be provided. If the "cognizant official" for more than one party (e.g., site owner, developer and contractor) sign the NOI, the discharge authorization shall be issued jointly to them. See examples below.

The qualifications and responsibilities for the "cognizant official" are set forth below and in NDEQ Title 119 Chapter 10.001:

All permit applications submitted to the Department shall be signed:

- 001.01 In the case of corporation, by a principal executive officer of at least the level of vice-president;
- 001.02 In the case of a partnership, by a general partner;
- 001.03 In the case of a sole partnership, by a general partner; and
- 001.04 In the case of a municipal, State or other public facility by either a principal executive officer or ranking elected official."

Example 1: The cognizant official for the developer signs the NOI. The developer assumes full responsibility for developing the SWPPP and for ensuring the contractors working on the site implement the SWPPP.

Example 2: The cognizant officials for the site owner and the primary contractor both sign the NOI. The owner and the contractor are both responsible for developing the SWPPP and for ensuring it is implemented.

Appendix C (continued)

Example 3: The cognizant officials for the site owner, the developer and the primary contractor all sign the NOI. All three are then responsible for developing the SWPPP and for ensuring it is implemented.

E. Identity of the Authorized Representative

The identity, mailing address and telephone number of the "authorized representative" shall be provided. The "authorized representative" is the primary contact for correspondence and monitor reporting, and must meet the requirements set forth in NDEQ Title 119 Chapter 10.002:

"All other correspondence, reports and DMR's shall be signed by a person designated in 001.01 through 001.04 above or a duly authorized representative if such representative is responsible for the overall operation of the facility from which the discharge originates; the authorization is made in writing by the person designated under 001.01 through 001.04 above; and the written authorization is submitted to the Director."

Only one authorized representative may be designated for any one construction site. The authorized representative may also sign NOIs, if the Cognizant Official has submitted an NOI previously and has specifically authorized the authorized representative to perform this task (See Appendix C Section K below).

F. One or more site maps are required as specified below.

1. On all projects, except those on linear right-of-way projects (e.g., pipelines, roads railways or cable right-of-ways), a map or maps showing the location of disturbed areas, storm water outfalls, erosion and sediment control structures, and any streams or wetlands on or adjacent to the project shall be provided.
2. On all projects of 20 acres or more, except those on linear right-of-way projects, a map or maps showing existing and post-construction contours shall be provided.
3. On linear right-of-way projects, a map or maps identifying the segments of the right-of-way involved in the proposed project and their location shall be provided.

G. The following information concerning the construction or development site is required.

1. A proposed schedule for the project identifying the construction phases and the implementation of pollution prevention activities (e.g., installation of erosion control structures and sedimentation basins, initial grading, temporary seeding, utility installation, final grading, paving, and permanent seeding) shall be provided.
2. A description of the pollution control and prevention practices to be used shall be provided.
3. The area of the overall site and the area that will be subject to clearing, grading or excavation shall be provided. On linear right-of way projects, the applicant shall submit information on the approximate width and length of the areas disturbed rather than the area of the project(s).

Appendix C (continued)

4. The receiving stream(s) to which storm water will be discharged shall be identified. Any receiving streams identified in Appendix B shall be identified as such, thus acknowledging that written discharge authorization is required. On linear right-of-way projects where it is impractical to identify every receiving stream, it shall only be necessary to identify the receiving streams that are listed in Appendix B, provided the site map (See Section F above) adequately identifies the location of the project(s).
 5. Any information of which the applicant is aware concerning existing wastes or contamination present at the proposed construction site shall be provided.
 6. If waste or contamination is present, describe planned clean-up and/or disposal procedures shall be described.
 7. Any storm water discharges to any large or medium municipal storm water systems (More information is provided in permit Section C.3.c concerning requirements for these sources.) shall be identified.
- H. Other government agencies with jurisdiction relative to the construction site shall be identified. A brief explanation of the responsibilities and requirements of those programs shall be provided, as well as a status report on any application and permit requirements. Examples include the following:
- US Army Corps of Engineers - CWA §404 permit - application submitted
 - City grading permit - application submitted and permit received
 - Local NRD erosion control standards - SWPPP will meet requirements
- I. Information identifying whether the applicant has obtained authorization to discharge under this general permit before and whether the proposed construction project is a continuation of a previous project.

Appendix C (continued)

J. Certification

The following certification statement shall be contained in the NOI.

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

I further certify that:

1. I, or qualified members of my staff, have reviewed and understand the terms and conditions of NPDES General Permit Number NER100000;
2. the construction site(s) identified in Section 1 of this NOI meets the "Applicability" requirements and is not excluded by the "Limitation of Coverage" requirements, set forth in Section B of the permit; and
3. I understand that the submission of this NOI obligates the owner, developer and/or operator identified in this NOI to comply with the terms and conditions of the Permit NER100000, provided authorization to discharge is obtained.

K. Signature Requirements

The initial NOI submitted by any person, business, government agency, or other entity shall be signed by the Cognizant Official(s) representing them. Any NOIs submitted for additional sites may be submitted under the signature of the Authorized Representative, provided the Cognizant Official has specifically authorized them to perform this task in a previous NOI or other follow-up written documentation.

If the Cognizant Official for more than one party signs the NOI, then the discharge authorization shall be jointly issued to them. If more than one party is identified as an owner, developer or contractor in the NOI, but the Cognizant Official for only one party signs the NOI, the discharge authorization shall be issued to that party alone.

STATE OF NEBRASKA



E. Benjamin Nelson
Governor

DEPARTMENT OF ENVIRONMENTAL QUALITY
Randolph Wood
Director
Suite 400, The Atrium
1200 N. Street
P.O. Box 93922
Lincoln, Nebraska 68509-3922
Phone (402) 471-2186

NPDES Form CSW-NOI

Notice of Intent (NOI) Requesting Discharge Authorization for Storm Water from Construction Sites Under the NPDES General Permit NER100000.

Submission of this NOI fulfills the requirements set forth in Sections C.1 and C.2 of NPDES General Permit Number NER100000. By submission of this NOI, the applicant is requesting authorization to discharge under the terms and conditions of said permit, and is agreeing to meet all of the terms and conditions set forth in said permit. The specific procedures used for granting authorization to discharge are set forth in Section C.4 of the permit. Appendix C in the permit also contains information that may provide some assistance in the completion of this NOI.

The applicant is responsible for ensuring they meet the "Applicability" requirements set forth in Section B of the permit. Once authorization to discharge is granted, the permittee is required to maintain compliance with the terms and conditions of the permit. Any questions concerning this NOI, the permit, its applicability, its terms or conditions, or any other related subjects, should be directed to the Permits and Compliance Section at (402) 471-4239. Written requests and application submittals should be sent to the Permits and Compliance Section at the address set forth on page 6 of this form.

Attachments may be used to complete or supplement this NOI provided they are identified and referenced on this form.

1) Identification of Construction Project

Name of Project: _____

Location of Project (Street address or brief narrative description): _____

Legal Description ⁽¹⁾: _____ Quarter of the _____ Quarter, or _____

Section _____, Township _____ N, Range _____ (EorW), _____ County

(1) Applicants may enter a legal description in terms other than those requested. For example: N $\frac{1}{2}$, Section 8, Township 8 N, Range 6 W.

2) Site Map(s) - Provide one or more site maps as directed below:

For all projects, except those on linear right-of-way projects (e.g., pipelines, roads, railways or cable right-of-ways), provide a map or maps showing the location of disturbed areas, storm water outfalls, erosion and sediment control structures, and any streams or wetlands on or adjacent to the project.

For projects of 20 acres or more, except those on linear right-of-way projects, provide a map or maps showing existing and post-construction contours.

For linear right-of-way projects, provide a map or maps identifying the segments of the right-of-way involved in the proposed project and their location(s).

3) Information on the Construction Project (Continued)

Total Area of the Site: _____ acres Area of the Site that will be Disturbed: _____ acres
or for linear right-of-way projects length and width approximations may be provided: _____

Briefly describe the project: _____

Provide (or attach) a tentative schedule for the construction project including the installation or implementation of major erosion prevention and control measures (e.g., initial installation of controls, temporary and permanent seeding, etc.).

Provide any information of which the applicant is aware, concerning any existing wastes or contamination that may exist at the proposed construction site, or that may be present in fill material to be used at the site. If waste or contamination is present, describe any planned clean-up and/or disposal procedures. If the applicant is not aware of any existing contamination or wastes at the site or in fill, write "NONE" below.

4) Receiving Stream: .

Identify the receiving stream or streams to which storm water from this project will be discharged (for linear right-of-way projects it may only be necessary to identify receiving streams that are listed in Appendix B):

Is the receiving stream listed in Appendix B of the permit? _____

If yes, written discharge authorization will be required prior to the start of the project (See permit Section C.4.e).

5) Owner , Developer and/or Operator Responsible for Permit Compliance

This section is used to identify the owner, the developer and /or the contractor for which the discharge authorization is requested (i.e., the applicant(s)). If only one owner, developer or contractor is to be responsible for permit compliance, then only applicant need be identified. If two or more owners, developers or contractors are to share responsibility for permit compliance, then they must all be identified.

A "cognizant official" must be identified for each applicant. The "cognizant official" is responsible for signing all permit applications and meets the requirements set forth in NDEQ Title 119 Chapter 10.001:

"All permit applications submitted to the Department shall be signed:

001.01 In the case of corporation, by a principal executive officer of at least the level of vice-president;

001.02 In the case of a partnership, by a general partner;

001.03 In the case of a sole partnership, by a general partner; and

001.04 In the case of a municipal, State or other public facility by either a principal executive officer or ranking elected official."

Name of Applicant #1: _____

Check Appropriate Role(s): Land Owner _____ Leasee _____ Developer _____ Contractor _____ Other _____

If "Other" specify: _____ Tel. _____

Cognizant Official: _____ Title: _____

Mail Address: _____

City: _____ State: _____ Zip: _____

Name of Applicant #2: _____

Check Appropriate Role(s): Land Owner _____ Leasee _____ Developer _____ Contractor _____ Other _____

If "Other" specify: _____ Tel. _____

Cognizant Official: _____ Title: _____

Mail Address: _____

City: _____ State: _____ Zip: _____

Name of Applicant #3: _____

Check Appropriate Role(s): Land Owner _____ Leasee _____ Developer _____ Contractor _____ Other _____

If "Other" specify: _____ Tel. _____

Cognizant Official: _____ Title: _____

Mail Address: _____

City: _____ State: _____ Zip: _____

NPDES Form CSW-NOI

6) Facility Contact or Authorized Representative

The Applicant(s) set forth above may designate an individual to be the "Authorized Representative" for the project. The "authorized representative" is the primary facility contact for correspondence and monitor reporting, and may also be authorized to submit NOIs for future projects. The Authorized Representative must meet the requirements set forth in NDEQ Title 119 Chapter 10.002:

"All other correspondence, reports and DMR's shall be signed by a person designated in 001.01 through 001.04 above or a duly authorized representative if such representative is responsible for the overall operation of the facility from which the discharge originates; the authorization is made in writing by the person designated under 001.01 through 001.04 above; and the written authorization is submitted to the Director."

The Authorized Representative

Authorized Representative: _____ Title: _____

Employer: _____ Tel.: _____

Mail Address: _____

City: _____ State: _____ Zip: _____

Is the Authorized Representative authorized to submit future NOIs (Yes or No): _____

7) Previous Projects

Have the Applicant(s) applied for authorization to discharge storm water under this permit or any other permit previously? _____ If so, provide the following information on the most recent project:

NPDES Authorization Number: NER10 _____ Approximate Date: _____

Project Name & Location: _____

Is this project a continuation of any previous project? _____ If so provide the following for the previous project:

NPDES Authorization Number: NER10 _____ Approximate Date: _____

Project Name & Location: _____

8) Additional Information that may be Pertinent (Optional)

9) Other Discharge Requirements:

Is storm water from this site discharged within the city limits of Omaha or Lincoln? _____

If yes, the city will need to be notified. Has this been accomplished? _____

If yes, please provide City contact's name: _____

If not, explain or provide notice schedule: _____

Is storm water discharged to a storm water conveyance owned or maintained by any other local city, county

or drainage district? _____ If yes, please specify: _____

Have local government agencies been contacted concerning any local requirements? _____

Is this project in compliance with local stormwater regulations concerning water quality, erosion control and flow attenuation? If not, explain.

Has the US Army Corps of Engineers been contacted concerning CWA § 404 requirements? _____

Is the project subject to CWA § 404 requirements? _____

If yes, has a § 404 permit application been submitted? _____

Has a § 404 permit been issued? _____

If a § 404 permit is required, but has not yet been obtained please explain status: _____

Has the local NRD been contacted concerning this project? _____

Does the NRD have any regulations that relate to this project? If yes, please explain: _____

10) Certification

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

I further certify that:

- 1) I, or qualified members of my staff, have reviewed and understand the terms and conditions of NPDES General Permit Number NER100000;
2. the construction site(s) identified in Section 1 of this NOI meets the "Applicability" requirements and is not excluded by the "Limitation of Coverage" requirements, set forth in Section B of the permit; and
3. I understand that the submission of this NOI obligates the owner, developer and/or operator identified in this NOI to comply with the terms and conditions of the Permit NER100000, provided authorization to discharge is obtained.

Signature of Cognizant Official #1 or Authorized Representative **

Date

Name and Title of Cognizant Official #1 or Authorized Representative

** If two or more applicants were identified on page two of the application, the cognizant officials for each must sign this form, unless an Authorized Representative was previously designated by the same group of applicants.

** If this form is signed by an Authorized Representative, specify when and how was this authorized?
(e.g., letter of 8/1/97 for Prairie Estates in Kearney or NOI submitted on 8/2/97 for NER10002)

Signature of Cognizant Official #2

Date

Name and Title of Cognizant Official #2

Signature of Cognizant Official #3

Date

Name and Title of Cognizant Official #3

Submit the completed NOI to:

Mail Address:

Permits and Compliance Section
Nebraska Department of Environmental Quality
PO Box 98922
Lincoln, NE 68509-8922

Location Address:

Permits and Compliance Section
Nebraska Department of Environmental Quality
1200 'N' Street, The Atrium, Suite 400
Lincoln, NE 68509

STATE OF NEBRASKA



E. Benjamin Nelson
Governor

DEPARTMENT OF ENVIRONMENTAL QUALITY
Randolph Wood
Director
Suite 400, The Atrium
1200 'N' Street
P.O. Box 98922
Lincoln, Nebraska 68509-8922
Phone (402) 471-2186

NPDES Form SW-SEMR - Storm Event Monitoring Report

Reporting is required for all storm event monitoring activities in which quantitative analyses for storm water pollutants is conducted. Monitoring results are to be submitted to the Department within 30 days following the monitoring event, unless a Department approved extension is provided. Certain parts of this form may not apply to all monitoring events. If the information requested is not available, please write-in: "Not Available". Attachments may be used to supplement this form provided they are referenced or identified in this form.

1) Facility Identification:

NPDES Permit Identification Number: _____

Facility Name: _____

Facility Location: _____

2) Precipitation Event Information:

Duration (Hrs): _____ Magnitude (Inches): _____

Start of Precipitation Event (Date/Time) _____

End of Precipitation Event (Date/Time) _____

Time Elapsed Between Event Sampled and Previous Precipitation Event _____

3) Monitoring Information: Supply the following information for each outfall monitored.

Outfall Designation (#) _____

Monitoring Started (Date/Time) _____

Monitoring Ended (Date/Time) _____

Discharge Volume (Gallons) * _____

* The volume of storm water discharged may be measured or calculated; see permit Section F.3.b.

Provide or attach a brief explanation of the sampling procedures used (i.e., grab, time composite, or flow proportioned composite), and list the pollutants monitored at each outfall. Provide pollutant specific and outfall specific information when necessary. See permit Section F.2 for sampling procedure requirements.

4) **Monitoring Results:** Provide or attach all discharge monitoring event test results, and identify the laboratory(s) and test methods used. All attached pages must be identified by page numbers or other identifying designations. Examples: ABC Lab report No. 010198-0765 (3 pages); or See attached pages designated A1 thru A6.

5) **Other Information:** Provide or attach any other information pertinent to this monitoring report.

6) **Certification and Signature**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted, based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations. See 18 U.S.C. § 1001 and 33 U.S.C. § 1319, and Neb. Rev. Stat. §§ 81-1508 thru 81-1508.02.

Signature of Authorized Representative or Cognizant Official **

Date

Printed Name

Title

** The qualifications and responsibilities of the "cognizant official" are set forth below and in NDEQ Title 119 Chapter 10.001:

All permit applications submitted to the Department shall be signed:

001.01 In the case of corporation, by a principal executive officer of at least the level of vice-president;

001.02 In the case of a partnership, by a general partner;

001.03 In the case of a sole partnership, by a general partner; and

001.04 In the case of a municipal, State or other public facility by either a principal executive officer or ranking elected official."

** The qualifications and responsibilities for the "authorized representative" are set forth in NDEQ Title 119 Chapter 10.002:

"All other correspondence, reports and DMR's shall be signed by a person designated in 001.01 through 001.04 above or a duly authorized representative if such representative is responsible for the overall operation of the facility from which the discharge originates; the authorization is made in writing by the person designated under 001.01 through 001.04 above; and the written authorization is submitted to the Director."

Submit the completed NOI to:

Mail Address:

Permits and Compliance Section
Nebraska Department of Environmental Quality
PO Box 98922
Lincoln, NE 68509-8922

Location Address:

Permits and Compliance Section
Nebraska Department of Environmental Quality
1200 'N' Street, The Atrium, Suite 400
Lincoln, NE 68509

STATE OF NEBRASKA



E. Benjamin Nelson
Governor

DEPARTMENT OF ENVIRONMENTAL QUALITY
Randolph Wood
Director
Suite 400, The Atrium
1200 'N' Street
P.O. Box 98922
Lincoln, Nebraska 68509-8922
Phone (402) 471-2186

NPDES Form CSW-START - Notice of Start-up of Construction Activity

This form may be used to notify the Department that construction activity has been started at a site having coverage under the NPDES general permit for storm water discharges from construction sites, NER100000. Submittal of this form fulfills the requirements of Section C.7.a of the permit.

This form is not the Notice of Intent or NOI form which is used to request discharge authorization. An NOI must be submitted prior to or concurrent with this form to obtain discharge authorization.

NPDES Permit Identification Number: NER 1 0 _____

Facility Name: _____

Facility Location: _____

Date Construction Activities were or will be Commenced: _____

Signature of Authorized Representative or Cognizant Official **

Date

Printed Name

Title

** The qualifications and responsibilities of the "cognizant official" are set forth below and in NDEQ Title 119 Chapter 10.001:

All permit applications submitted to the Department shall be signed:

001.01 In the case of corporation, by a principal executive officer of at least the level of vice-president;

001.02 In the case of a partnership, by a general partner;

001.03 In the case of a sole partnership, by a general partner; and

001.04 In the case of a municipal, State or other public facility by either a principal executive officer or ranking elected official."

** The qualifications and responsibilities for the "authorized representative" are set forth in NDEQ Title 119 Chapter 10.002:

"All other correspondence, reports and DMR's shall be signed by a person designated in 001.01 through 001.04 above or a duly authorized representative if such representative is responsible for the overall operation of the facility from which the discharge originates; the authorization is made in writing by the person designated under 001.01 through 001.04 above; and the written authorization is submitted to the Director."

Submit the completed form to:

Mail Address:

Permits and Compliance Section
Nebraska Department of Environmental Quality
PO Box 98922
Lincoln, NE 68509-8922

Location Address:

Permits and Compliance Section
Nebraska Department of Environmental Quality
1200 'N' Street, The Atrium, Suite 400
Lincoln, NE 68509

STATE OF NEBRASKA



E. Benjamin Nelson
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DEPARTMENT OF ENVIRONMENTAL QUALITY

Randolph Wood

Director

Suite 400, The Atrium

1200 'N' Street

P.O. Box 98922

Lincoln, Nebraska 68509-8922

Phone (402) 471-2186

NPDES Form CSW-END - Notice of Completion of Construction Activity

This form may be used to fulfill the requirements of Section C.7.b of the NPDES general permit for storm water discharges from construction sites, NER100000. This notice should be submitted when 95% of a permitted construction site has been stabilized with perennial vegetation or other permanent cover. Coverage under the permit is typically terminated 180 days after 95% of the site is stabilized (See permit Section B.4.a).

NPDES Permit Identification Number: NER 1 0 _____

Facility Name: _____

Facility Location: _____

Date when 95% of the area of the site was stabilized: _____

Proposed date for ending permit coverage: ****** _____

**** Must be at least 180 days after the date when 95% of the site was stabilized.**

Signature of Authorized Representative or Cognizant Official ******

Date

Printed Name

Title

**** The qualifications and responsibilities of the "cognizant official" are set forth below and in NDEQ Title 119 Chapter 10.001:**

All permit applications submitted to the Department shall be signed:

001.01 In the case of corporation, by a principal executive officer of at least the level of vice-president;

001.02 In the case of a partnership, by a general partner;

001.03 In the case of a sole partnership, by a general partner; and

001.04 In the case of a municipal, State or other public facility by either a principal executive officer or ranking elected official."

**** The qualifications and responsibilities for the "authorized representative" are set forth in NDEQ Title 119 Chapter 10.002:**

"All other correspondence, reports and DMR's shall be signed by a person designated in 001.01 through 001.04 above or a duly authorized representative if such representative is responsible for the overall operation of the facility from which the discharge originates; the authorization is made in writing by the person designated under 001.01 through 001.04 above; and the written authorization is submitted to the Director."

Submit the completed form to:

Mail Address:

Permits and Compliance Section
Nebraska Department of Environmental Quality
PO Box 98922
Lincoln, NE 68509-8922

Location Address:

Permits and Compliance Section
Nebraska Department of Environmental Quality
1200 'N' Street, The Atrium, Suite 400
Lincoln, NE 68509